

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-13 08:53:41
Date of Next Testing: 2028-12-12 08:53:41
Product Name: **Fmoc-D-Cys(Trt)-OH**
CAS Number: 167015-11-4
Specifications & Purity: $\geq 98\%$
Lot #: D1310096
SKU #: **F116824**
Version: **1**
Analysis #: **448642**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.00000 %
Purity(Neutralization titration)	97.5-102.5 (%)	98.90 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-19--15 (°)	-19.00°
Melting point	172-176 (°C)	174.00000 °C
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager